

MONITORING SOLUTION

LevelMeter

Modular monitoring for technical alarm management and level surveillance

DESCRIPTION

Modular Alarm and Monitoring System for Vessels

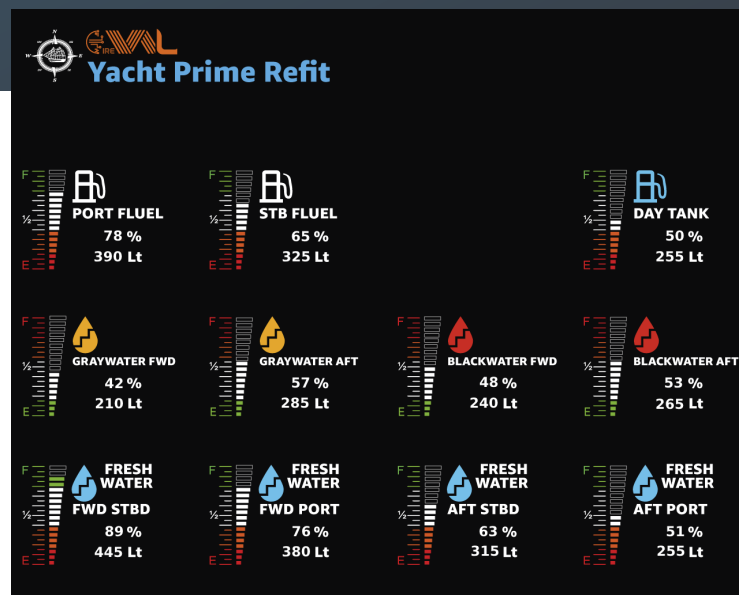
A safety device designed for advanced monitoring of digital/analog inputs and control of critical equipment on vessels.

With an intuitive interface and modular architecture, it is the ideal solution for nautical applications demanding reliability and customization.

- Tank level monitoring (water, fuel).
- Equipment control (pumps, ventilation, valves).
- Integration with navigation systems via NMEA.
- Bilge alarms.

Embedded Color Display: 7", 10", or 19" (optional) with touch interface. Clear alarm visualization and quick controls.

Temperature Range: +5°C to 55°C (operation) / -0°C to 70°C (storage).



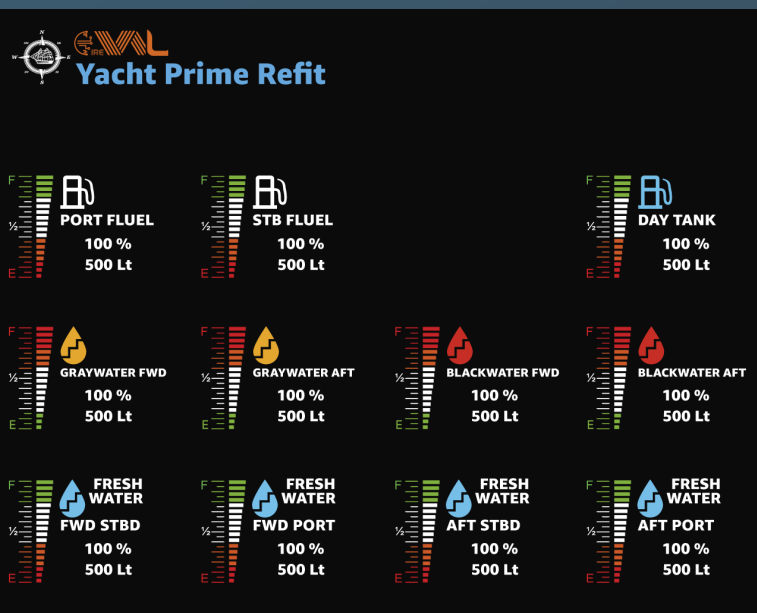
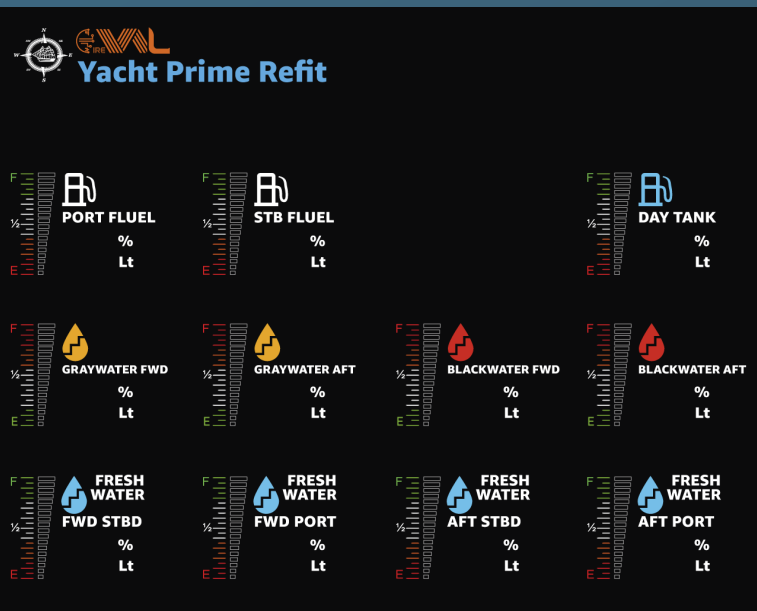
Modular Alarm and Monitoring System for Vessels



Flexible Configuration: Adaptable to the needs of each vessel.
International Certifications: Complies with the most demanding maritime standards.
User-Friendly Interface: Touch menus with real-time adjustments



The software configuration system is very simple and allows customization of the switching algorithm and all user functions



KEY FEATURES

1. Intuitive Touch Screen
Color display of 7", 10", or 19" (optional) with touch interface.
2. Modularity and Expansion
Up to 64 inputs/outputs with interchangeable modules:

CPU: Central processor with 8 digital inputs + 2 RS485 ports.

8 INPUT: 8 analog inputs (0-10VDC / 4-20mA) for level, temperature sensors, etc.

8 OUTPUT: 8 digital outputs (1A@24VDC) for pump, valve, and lighting control.

3. Advanced Functions

Dual Power Supply: Supports main and emergency power sources (9-32VDC).

Integrated Communication: RS485 protocols for connection with external equipment.

TECHNICAL SPECIFICATIONS

Component	Dimensions (mm)	Weight	Power Consumption (24VDC)
7"	176 x 135 x 29	1.0 kg	0.3A
10"	261 x 180 x 38	1.5 kg	0.5 A
19"	482 x 307 x 60	4.5 kg	1.2 A
CPU	168 x 133 x 40	0.5 kg	0.2A
Módulos (8XX)	51.5 x 133 x 33	0.2 kg	0.1A–0.5A

Installation:

Display: Embedded in console.

Modules: Symmetrical DIN rail.

TYPICAL APPLICATIONS

Bilge alarms.

Tank level monitoring (water, fuel).

Equipment control (pumps, ventilation, valves).

Integration with navigation systems via NMEA.

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